

FIG. 1  
(PRIOR ART)

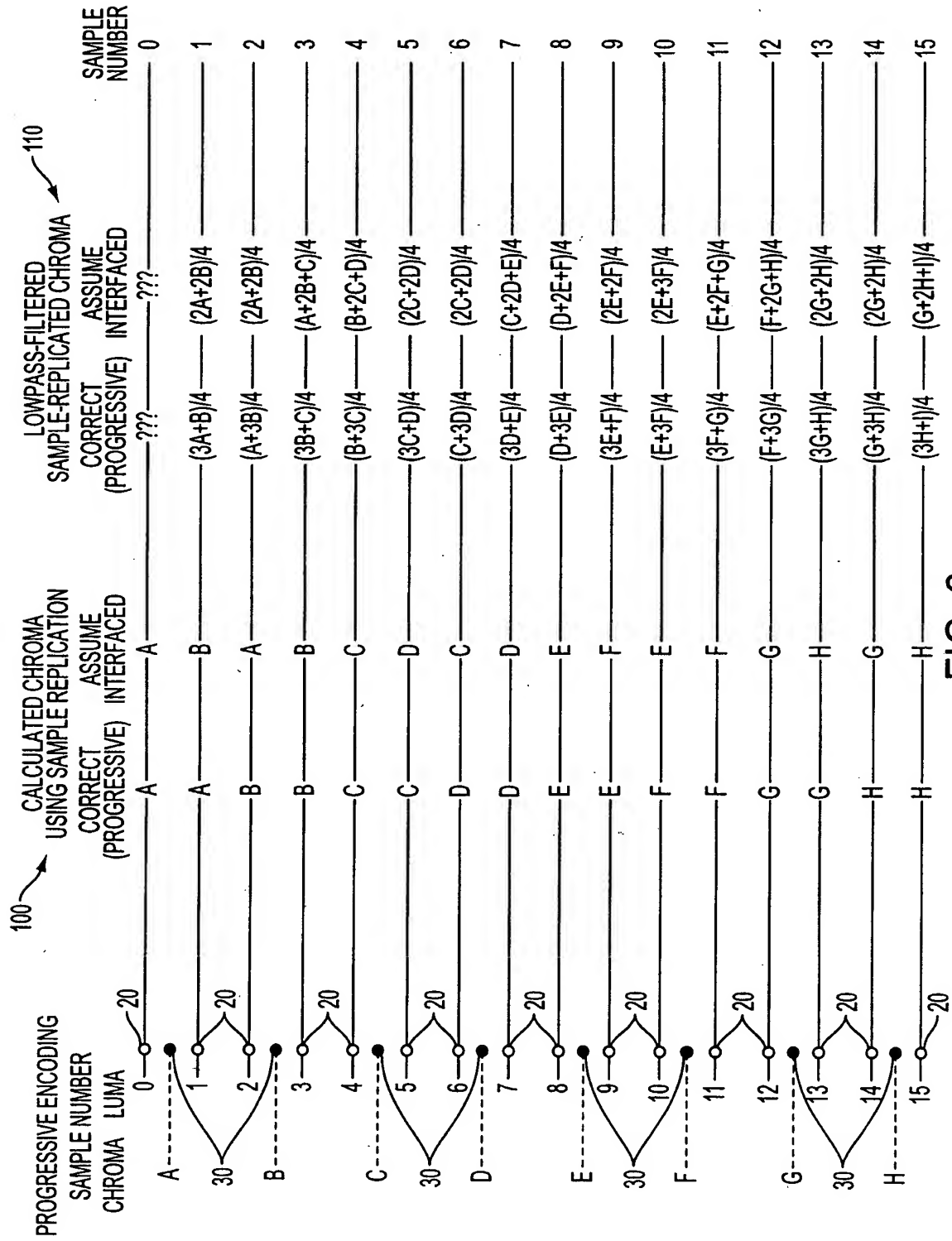


FIG. 2

ACTUAL PROGRESSIVE ENCODING	SAMPLE NUMBER	CALCULATED CHROMA USING LINEAR INTERPOLATION	VERTICAL CHROMA TRANSITION		FREQUENCY DETECTION VALUES		VERTICAL CHROMA TRANSITION		FREQUENCY DETECTION VALUES		VERTICAL CHROMA TRANSITION		FREQUENCY DETECTION VALUES	
			SAMPLE CALCULATED VALUES	ODD F.LD REF.	SAMPLE CALCULATED VALUES	ODD F.LD REF.	SAMPLE CALCULATED VALUES	ODD F.LD REF.	SAMPLE CALCULATED VALUES	ODD F.LD REF.	SAMPLE CALCULATED VALUES	ODD F.LD REF.	SAMPLE CALCULATED VALUES	ODD F.LD REF.
0-O	???	???	1	---	1	---	1	---	1	---	1	---	1	---
A	1-O	(3A+B)/4	1	---	1	---	1	---	1	---	1	---	1	---
2-O	---	(A+3B)/4	1	0	1	0	1	0	1	0	1	0	1	0
B	3-O	(3B+C)/4	1	---	1	---	1	---	1	---	1	---	1	---
4-O	---	(B+3C)/4	1	0	1	0	1	0	1	0	1	0	1	0
C	5-O	(3C+D)/4	1	---	1	---	1	---	1	---	1	---	1	---
6-O	---	(C+3D)/4	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5
D	7-O	(3D+E)/4	1	---	1	---	1	---	1	---	1	---	1	---
8-O	---	(D+3E)/4	1	2	1	2	1	2	1	2	1	2	1	2
E	9-O	(3E+F)/4	1	---	1	---	1	---	1	---	1	---	1	---
10-O	---	(E+3F)/4	1	3	1	3	1	3	1	3	1	3	1	3
F	11-O	(3F+G)/4	1	---	1	---	1	---	1	---	1	---	1	---
12-O	---	(F+3G)/4	1	2	1	2	1	2	1	2	1	2	1	2
G	13-O	(3G+H)/4	1	---	1	---	1	---	1	---	1	---	1	---
14-O	---	(G+3H)/4	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5
H	15-O	(3H+I)/4	1	---	1	---	1	---	1	---	1	---	1	---
			180	8	180	4	180	4	180	4	180	4	180	4
			FREQ. DET. SUM		FREQ. DET. SUM		FREQ. DET. SUM		FREQ. DET. SUM		FREQ. DET. SUM		FREQ. DET. SUM	
			120		170		150		190		190		190	

FIG. 3

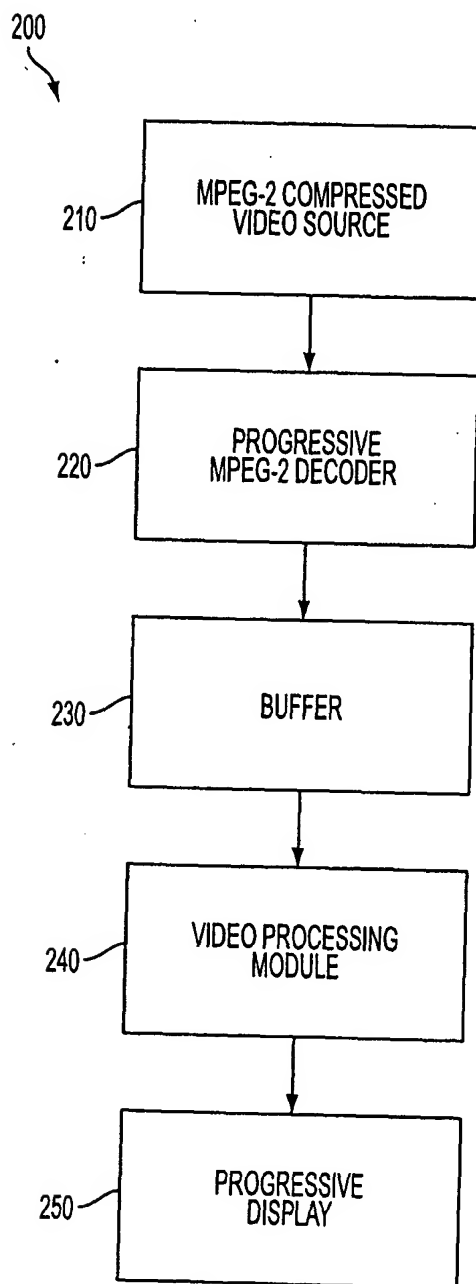


FIG. 4

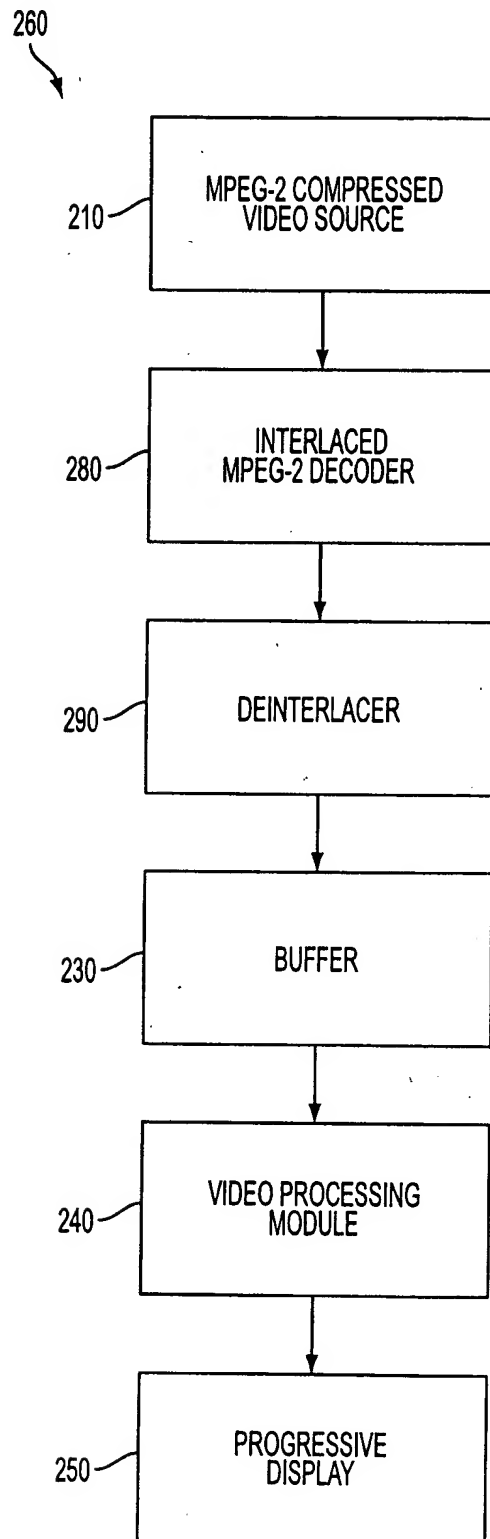


FIG. 5

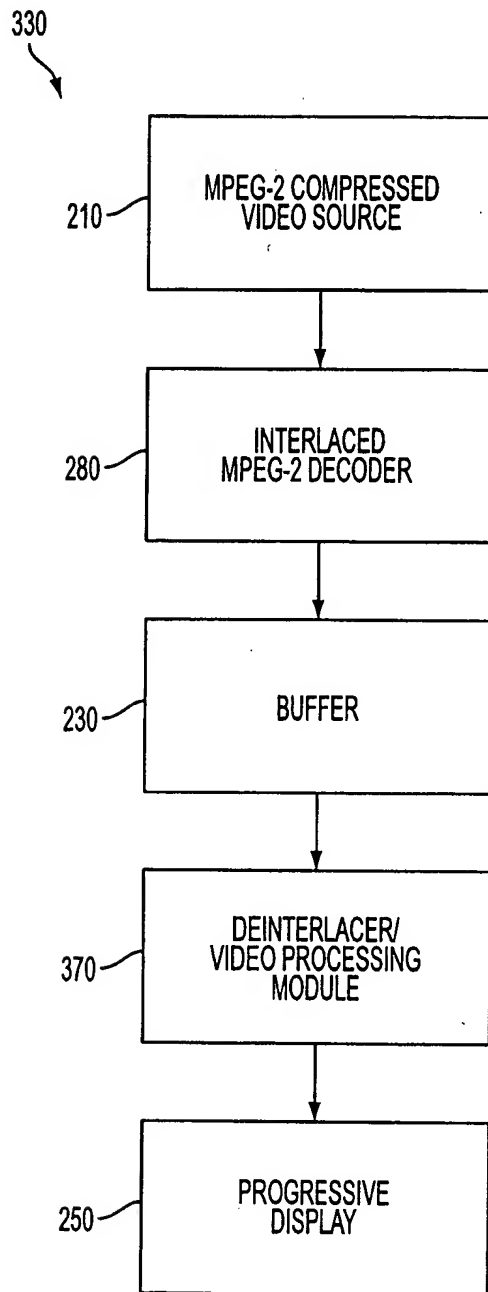


FIG. 6